

EAST SEARCH

5/31/2007

L#	Hits	Search String	Databases
S8	1	S7 and (throttle near2 setting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S2	34	S1 and (turbocharger with (turbine near2 stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S9	1	S7 and (throttle with setting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S10	4	S7 and (model\$3 with (turbocharger or (turbine near2 stage)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S7	113	S2 or S3 or S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S3	49	S1 and (turbocharger same (turbine near2 stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S6	113	S4 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S5	4854	S1 and (turbine near2 stage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S4	1861	S1 and (turbocharger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S1	102852	gas turbine or "jet engine" or (locomotive near2 "diesel engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S11	118918	(gas near2 turbine) or (steam near2 turbine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S12	2968	S11 and turbocharger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S13	6536	S11 and (turbine near2 stage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S14	148	S12 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S15	0	S14 and (throttle near2 setting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S16	0	S14 and (throttle with setting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S17	6	S14 and (throttle with position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S18	102879	gas turbine or "jet engine" or (locomotive near2 "diesel engine")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S19	34	S18 and (turbocharger with (turbine near2 stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S20	49	S18 and (turbocharger same (turbine near2 stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S27	150	S14 or S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S21	1861	S18 and (turbocharger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S22	4854	S18 and (turbine near2 stage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S23	113	S21 and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S24	113	S19 or S20 or S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S25	1	S24 and (throttle with setting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S26	6	S24 and (throttle with position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S28	6	S27 and (model\$3 with (turbocharger or (turbine near2 stage)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S29	3	S27 and (model\$3 with (blade or (nozzle near2 vane) or vane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S30	13	S27 and (rotation near2 speed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S31	29	S27 and (excitation or vibration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S32	4	S27 and (natural near2 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S35	0	S27 and (vane near2 vibration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S36	2	S27 and (fabrica\$3 with (turbine near2 stage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S37	1	S27 and (harmonic with (excitation or vibration))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S33	2	S27 and (vane near2 excitation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S34	3	S27 and (excitation near2 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S38	4	S27 and (fabrica\$3 with turbocharger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S39	13	S27 and (blade with (configuration or material or composition))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S40	14	S27 and (number with (vane or nozzle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB
S41	2	S27 and (prime near2 number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT; IBM_TDB

S42	S17 or S19 or S20 or S25 or S26 or S28 or S29 or S30 or S31 or S32 or S33 or S34 or S36 c	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S44	7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S43	6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S45	13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S46	29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S47	2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S48	4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S49	2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S50	26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S51	96313	gas near2 turbine
S52	4971	S51 and (turbine near2 stage)
S53	64	S52 and (throttle near2 (setting or position))
S54	20	S52 and (mode\$3 with (turbine near2 stage))
S55	28	S52 and (mode\$3 with (blade or (nozzle near2 vane) or vane))
S56	238	S52 and (rotation near2 speed)
S57	474	S52 and (excitation or vibration)
S59	103	S52 and ((vane or blade) with (vibration or excitation))
S58	78	S52 and ((natural or resonan\$2) near2 frequency)
S60	154	S52 and (fabricat\$3 with ((turbine near2 stage) or turbine))
S61	6	S52 and (harmonic with (excitation or vibration))
S63	483	S52 and (blade with (configuration or material or composition))
S64	219	S52 and (blade with configuration)
S65	312	S52 and (blade with material)
S66	41	S52 and (blade with composition)
S67	341	S52 and (number with (vane or nozzle))
S62	25	S52 and (excitation with frequency)
S68	2	S52 and (prime near2 number)
S69	310	S53 or S54 or S55 or S58 or S59 or S61 or S62 or S66 or S68
S70	1377	S56 or S57 or S60 or S64 or S65 or S67
S71	210	S69 and S70
S72	310	S69 or S71
S80	78	S74 and ((natural or resonan\$2) near2 frequency)
S78	238	S74 and (rotation near2 speed)
S82	154	S74 and (fabricat\$3 with ((turbine near2 stage) or turbine))
S91	1377	S78 or S79 or S82 or S85 or S86 or S88
S97	5	S74 and (rotation near2 speed) with throttle
S98	4	S93 and S97
S85	219	S74 and (blade with configuration)
S94	45	S93 and (S76 or S77)
S81	103	S74 and ((vane or blade) with (vibration or excitation))
S79	474	S74 and (excitation or vibration)
S77	28	S74 and (mode\$3 with (blade or (nozzle near2 vane) or vane))
S75	64	S74 and (throttle near2 (setting or position))
S73	96313	gas near2 turbine
S84	25	S74 and (excitation with frequency)
S86	312	S74 and (blade with material)
S87	41	S74 and (blade with composition)

S95	6	S93 and S83	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S92	210	S90 and S91	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S83	6	S74 and (harmonic with (excitation or vibration))	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S93	310	S90 or S92	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S76	20	S74 and (model\$3 with (turbine near2 stage))	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S88	341	S74 and (number with (vane or nozzle))	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S89	2	S74 and (prime near2 number)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S74	4971	S73 and (turbine near2 stage)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S96	2	S93 and S89	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S90	310	S75 or S76 or S77 or S80 or S81 or S83 or S84 or S87 or S89	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S99	79	S73 and ((rotation near2 speed) with throttle)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S101	3	S93 and ((diesel near2 engine) with turbocharger)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S102	10	S93 and ((combustion near2 engine) with turbocharger)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S100	16	S73 and ((rotation near2 speed) with (throttle near2 (position or setting)))	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S103	12	S101 or S102	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S126	0	turbocharger same (campbell near2 diagram)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S115	7	S111 and (natural with frequency)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S108	41	S105 or S106 or S107	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S114	8	S111 and ((excitation or vibration) with frequency)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S113	6	S111 and (blade with (excitation or vibration) with frequency)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S112	7	S111 and (blade with (excitation or vibration))	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S111	227	S109 or S110	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S110	42	(turbine or turbocharger) with vane with (model or modeled or modeling)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S109	194	(turbine or turbocharger) with blade with (model or modeled or modeling)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S124	392	S120 and (natural with frequency)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S104	1780	diesel engine same turbocharger	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S119	67	S104 and ((turbine or turbocharger) with blade)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S120	38262	(turbine or turbocharger) with blade	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S107	7	S104 and ((throttle near2 setting) with (turbine or turbocharger) with speed)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S125	40	S123 and S124	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S121	1	S119 and (blade with (excitation or vibration) with frequency)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S106	29	S104 and ((throttle near2 setting) with speed)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S117	17	S112 or S113 or S114 or S115 or S116	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S116	8	S111 and ((fabricating or fabricate or fabricated or fabrication) with (turbocharger or turbine))	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S105	41	S104 and (engine with (throttle near2 setting))	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S122	1	S119 and ((excitation or vibration) with frequency)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S118	57	S108 or S117	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S123	81	S120 and (blade with (excitation or vibration) with frequency)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

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Results of search set S91:

Document Kind Code: Title
US 20060184255 A1 Adaptive sensor model
US 20060180420 A1 Vibration dampers

Issue Date 20060817 70044
Current OR 20060817 188378
Abstract

5/31/2007

US 20060177314 A1	Turbine rotor blade and turbine	20060810 416/219R
US 20060127721 A1	Turbine moving blade	20060615 416/222
US 20060126902 A1	Surface roughness measuring method and apparatus and turbine deterioration diagnostic method	20060615 382/108
US 20060118215 A1	Precipitation hardened martensitic stainless steel, manufacturing method thereof, and turbine blade	20060608 148/607
US 20060104818 A1		20060518 416/232
US 20060096455 A1	APPARATUS AND PROCESS FOR POWER RECOVERY	20060511 95/269
US 20060086090 A1	Vibration limiter for coaxial shafts and compound turbocharger using same	20060427 60/612
US 20060086078 A1	Universal Carnot propulsion systems for turbo rocketry	20060427 60/226.1
US 20060081701 A1	Method and apparatus for verifying connectivity of an instrumentation system	20060420 235/380
US 20060078422 A1	Method for modifying gas turbine nozzle area	20060413 415/191
US 20060067330 A1	Method to restore an airfoil leading edge	20060330 416/229R
US 20060030450 A1	Hybrid vehicle formed by converting a conventional IC engine powered vehicle and method of operation	20060209 477/13
US 20050274112 A1	Fatigue failure diagnostic method of turbocharger and fatigue failure diagnostic apparatus for blade arrangement	20051215 60/602
US 20050254940 A1		20051117 415/170.1
US 20050196278 A1	Turbine blade arrangement	20050908 416/97R
US 20050194363 A1	MULTI-LASER BEAM WELDING HIGH STRENGTH SUPERALLOYS	20050908 219/121.64
US 20050135932 A1	Turbine blade	20050623 416/97R
US 20050126182 A1	Hybrid microturbine for generating electricity	20050616 60/791
US 20050126171 A1	Uncoupled, thermal-compressor, gas-turbine engine	20050616 60/645
US 20050111975 A1	Method for assembling gas turbine engine components	20050526 416/96R
US 2005010991 A1	Methods and apparatus for evaluating rotary machinery	20050526 356/318
US 20050103014 A1	Dual loop exhaust gas recirculation system for diesel engines and method of operation	20050519 60/605.2
US 20050093214 A1	Spring mass damper system for turbine shrouds	20050505 267/136
US 20050084370 A1	Cooled turbine blade	20050421 416/95
US 20050074356 A1	Heat resisting steel, gas turbine using the steel, and components thereof	20050407 420/38
US 20050056313 A1	Method and apparatus for mixing fluids	20050317 137/3
US 20050042384 A1	Method of altering the frequency of blades for thermal fluid-flow machines	20050224 427/446
US 20050026095 A1	Multi-stage combustion using nitrogen-enriched air	20050203 431/2
US 20040225482 A1	Design and evaluation of actively cooled turbine components	20041111 703/2
US 20040219079 A1	Trifluid reactor	20041104 422/194
US 20040216458 A1	Electric motor assisted turbocharger	20041104 60/608
US 20040177618 A1	Methods for operating gas turbine engines	20040916 60/775
US 20040101402 A1	Turbine	20040527 415/160
US 20040093147 A1	Method and system for temperature estimation of gas turbine combustion cans	20040513 701/100
US 20040083731 A1	Uncoupled, thermal-compressor, gas-turbine engine	20040506 60/645
US 20040076540 A1	Welding material, gas turbine blade or nozzle and a method of repairing a gas turbine blade	20040422 420/450
US 20040069069 A1	Probe for measuring parameters of a flowing fluid and/or multiphase mixture	20040415 737/36
US 20040060298 A1	Dynamically uncoupled can combustor	20040401 60/772
US 20040025491 A1	Gas turbine set	20040212 60/39.182
US 20040020206 A1	HEAT ENERGY UTILIZATION SYSTEM	20040205 60/670
US 20030228225 A1	Turbine bucket	20031211 416/235
US 2003015330 A1	Turbines and their components	20031120 415/191
US 20030205042 A1	OVERTHROST PROTECTION SYSTEM AND METHOD	20031106 60/204
US 20030194320 A1	Method of fabricating a shape memory alloy damped structure	20031016 416/96A
US 20030193331 A1	Method for in-situ eddy current inspection of coated components in turbine engines	20031016 324/240
US 20030156942 A1	Blades having coolant channels lined with a shape memory alloy and an associated fabricat	20030821 416/96R
US 20030152879 A1	Multi-stage combustion using nitrogen-enriched air	20030814 431/8
US 20030084656 A1	Gas turbine set	20030508 60/39.5

US 20030083827 A1	Methods and systems for performing integrated analyses, such as integrated analyses for ga:	20030501 702/34
US 20030082053 A1	Repair of advanced gas turbine blades	20030501 416/224
US 20030082053 A1	Gas turbine and operation method of gas turbine combined electric generating plant, gas turf	20030403 701/100
US 20030065436 A1	Transition piece side sealing element and turbine assembly containing such seal	20030227 415/135
US 20030039542 A1	Methods and systems for managing resources, such as engineering test resources	20030220 702/81
US 20030036665 A1	Cycle gas turbine engine	20030220 60/774
US 20030033813 A1	Shroud integral type moving blade and split ring of gas turbine	20030109 415/182.1
US 2003007866 A1	COMBUSTOR HOT STREAK ALIGNMENT FOR GAS TURBINE ENGINE	20030102 415/1
US 2003002975 A1	High pressure gas cycle and power plant	20030102 60/776
US 2003000221 A1	Gas turbine for power generation and combined power generation system	20021219 60/39.182
US 20020189229 A1	PRE-SEGMENTED SQUEALER TIP FOR TURBINE BLADES	20020926 416/223A
US 20020136638 A1	Friction vibration damper	20020905 188/268
US 20020121414 A1	Damper arrangement for reducing combustion-chamber pulsations	20020801 60/725
US 20020100281 A1	Lifting platform with energy recovery	20020425 244/199.1
US 20020047071 A1	High pressure gas cycle and power plant	20020425 60/39.39
US 20020046560 A1	Lifting platform	20011115 180/117
US 20020040062 A1	Cooled turbine blade	20060912 416/97R
US 7104757 B2	Methods and apparatus for evaluating rotary machinery	20060620 356/318
US 7064825 B2	Apparatus and process for power recovery	20060523 95/269
US 7048782 B1	Turbine blade	20060404 416/97R
US 7021896 B2	Method for assembling gas turbine engine components	20060404 415/115
US 7021892 B2	System for control and regulation of the flame temperature for single-shaft gas turbines	20060228 60/39.25
US 7003940 B2	Dual loop exhaust gas recirculation system for diesel engines and method of operation	20060124 60/605.2
US 6988365 B2	Multi-laser beam welding high strength superalloys	20051206 219/121.64
US 6972390 B2	Gas turbine and operation method of gas turbine combined electric generating plant, gas turf	20051025 60/782
US 6957541 B2	Method and system for temperature estimation of gas turbine combustion cans	20051004 701/100
US 6952639 B2	Spring mass damper system for turbine shrouds	20050913 267/160
US 6942203 B2	Methods for operating gas turbine engines	20050830 60/775
US 6935119 B2	Turbine	20050823 415/119
US 6932565 B2	Repair of advanced gas turbine blades	20050621 416/224
US 6908288 B2	Method of fabricating a shape memory alloy damped structure	20050503 164/98
US 6886622 B2	Two-phase heat-transfer systems	20050315 165/104.21
US 6866092 B1	Turbine bucket	20050125 416/190
US 6846160 B2	Dynamically uncoupled can combustor	20050111 60/772
US 6840048 B2	Methods and systems for performing integrated analyzes, such as integrated analyzes for ga:	20041012 702/34
US 6804612 B2	Turbines and their components	20041012 416/223R
US 6802695 B2	Friction vibration damper	20041012 188/268
US 6802405 B2	Uncoupled, thermal-compressor, gas-turbine engine	20040928 60/520
US 6796123 B2	Multi-stage combustion using nitrogen-enriched air	20040914 431/8
US 6790030 B2	First-stage high pressure turbine bucket airfoil	20040525 416/223A
US 6736596 B2	Shroud integral type moving blade and split ring of gas turbine	20040518 415/173.1
US 6707297 B2	Method for in-situ eddy current inspection of coated components in turbine engines	20040316 324/240
US 6701717 B2	Cycle gas turbine engine	20040309 60/792
US 6699015 B2	Blades having coolant channels lined with a shape memory alloy and an associated fabricat	20040302 416/96A
US 6655126 B2	Overturhst protection system	20031202 60/243
US 6644032 B1	Transition duct with enhanced profile optimization	20031111 60/752
US 6644012 B2	Gas turbine set	20031111 60/39.182
US 6632299 B1	Nickel-base superalloy for high temperature, high strain application	20031014 148/428

US 6632069 B1	Step of pressure of the steam and gas turbine with universal belt	20031014 415/173.5
US 6630113 B1	Methods and apparatus for treating waste	20031007 422/199
US 6616094 B2	Lifting platform	20030909 244/12.1
US 6606612 B1	Method for constructing composite response surfaces by combining neural networks with other	20030812 706/15
US 6579066 B1	Turbine bucket	20030617 416/243
US 6574966 B2	Gas turbine for power generation	20030610 60/806
US 6565680 B1	Superalloy weld composition and repaired turbine engine component	20030520 148/428
US 6554562 B2	Combustor hot streak alignment for gas turbine engine	20030429 415/1
US 6553752 B2	High pressure gas cycle and power plant	20030429 60/39.38
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US 3056454 A		
US 3048014 A		

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SU 1130775 A	Determination of friction in turbine blade damper by resonance - using two natural vibration fr	19841223
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US	20060207526 A1	Method and device for operating an internal combustion engine	20060921	123/1R
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US 20060137346 A1	Multivariable control for an engine	20060629 60/605.2
US 20050188695 A1	Engine control device	20050901 60/605.2
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US 20030140623 A1	Excess air factor control of diesel engine	20030731 60/297
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US 20030014973 A1	Method and apparatus for controlling engine overspeed due to lube oil ingestion	20030123 60/602
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US 20020175521 A1	Control of turbocharger	20021121 123/568.27
US 20020170546 A1	Excess air factor control device for internal combustion engine	20021121 60/602
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US 20060061111 A1	Mixed tuned hybrid blade related method	20060209 416/224
US 20060029501 A1	Device for detecting a rotation rate	20060112 324/164
US 2006006860 A1	Determination of damping in bladed disk systems using the fundamental mistuning model	20051222 340/686.6
US 20050280549 A1	Natural frequency tuning of gas turbine engine blades	20051215 702/56
US 20050278127 A1	Compressor for an aircraft engine	20051117 416/248
US 20050254958 A1	High modulus metallic component for high vibratory operation	20050929 415/181
US 20050214113 A1	Moving blade and gas turbine using the same	20050908 415/20
US 20050196268 A1	System and method for multiple mode flexible excitation in sonic infrared imaging	20050825 416/97R
US 20050167596 A1		20050804 250/341.6

US 20050160598 A1	Locomotive diesel engine turbocharger and turbine stage constructed with turbine blade vibration absorber	20050728 29/889.2
US 20050129516 A1	Turbine blade frequency tuned pin bank	20050616 416/97R
US 20050126171 A1	Uncoupled, thermal-compressor, gas-turbine engine	20050616 60/645
US 20050096873 A1	METHOD AND SYSTEM FOR DIAGNOSTICS AND PROGNOSTICS OF A MECHANICAL SYSTEM	20050505 702/184
US 20050084380 A1	Hollow turbine blade stiffening	20050421 416/233
US 20050056313 A1	Method and apparatus for mixing fluids	20050317 137/3
US 20050047919 A1	METHODS AND APPARATUS FOR REDUCING VIBRATIONS INDUCED TO COMPRESSOR BLADES	20050303 416/235
US 2005008492 A1	Blades	20050113 416/229R
US 20040262276 A1	Real time laser shock peening quality assurance by natural frequency analysis	20041230 219/121.85
US 20040243310 A1	Fundamental mistuning model for determining system properties and predicting vibratory response	20041202 702/110
US 20040241003 A1	Turbine blade dimple	20041202 416/236R
US 20040219024 A1	Making turbomachine turbines having blade inserts with resonant frequencies that are adjustable	20041104 416/219R
US 20040126235 A1	Method and apparatus for bucket natural frequency tuning	20040701 416/1
US 20040096375 A1	Device for producing a plasma, ionisation method, use of said method and production process	20040520 422/186.04
US 20040089812 A1	System and method for multiple mode flexible excitation and acoustic chaos in sonic infrared	20040513 250/341.6
US 20040083731 A1	Uncoupled, thermal-compressor, gas-turbine engine	20040506 60/645
US 20040069069 A1	Probe for measuring parameters of a flowing fluid and/or multiphase mixture	20040415 73/736
US 20040060294 A1	Steam engine	20040401 60/670
US 20030230150 A1	Transducer and method for measuring a fluid flowing in a pipe	20031218 73/861.32
US 20030222640 A1	Turbine blade clearance on-line measurement system	20031204 324/207.17
US 20030202883 A1	TURBINE BLADE ASSEMBLY WITH STRANDED WIRE CABLE DAMPERS	20031030 416/248
US 20030194324 A1	Turbine blade assembly with pin dampers	20031016 416/248
US 20030115879 A1	Gas turbine combustor	20030626 60/725
US 20020162394 A1	Analysing vibration of rotating blades	20021107 73/593
US 20020146322 A1	Vibration damping	20021010 416/190
US 20020081206 A1	Turbine bucket natural frequency tuning rib	20020627 416/233
US 20020074102 A1	Method using secondary orientation to tune bucket natural frequency	20020620 164/122.2
US 20020064468 A1	Frequency-mistuned light-weight turbomachinery blade rows for increased flutter stability	20020530 415/208.3
US 20020057969 A1	Steam turbine	20020516 416/238
US 20020017144 A1	Device and method for fatigue testing of materials	20020214 73/808